

Physics Major Adviser's Data Sheet

Name of Student _____ High School _____
 Home Address _____ ACT (Composite Score) _____
 _____ Engineering field _____

Physics Major (B.S.)

Option 1: Beginning Fall Semester Odd Years

FRESHMAN YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
ENG 1001G, Composition	3	ENG 1002G, Literature	3
MAT 1441G, Calculus 1	5	MAT 2442, Calculus 2	5
PHY 1351G, Mechanics	3	PHY 1361, Thermo/Electricity/Magnetism	3
PHY 1352G, Lab I	1	PHY1362, Lab II	1
CHM 1310G, Chemistry 1	3	CHM 1410, Chemistry 2	3
CHM1315G, Chemistry 1 Lab	1	CHM 1415, Chemistry 2 Lab	1
	16		16
SOPHOMORE YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
MAT 2443, Calculus 3	4	MAT 3501, Differential Equations I	3
PHY 1371, Waves/Sound/Optics/Modern	3	PHY 2400, Dynamics	3
PHY 1372, Lab III	1	PHY 3080, Modern Physics	3
PHY 2390, Statics	3	CMN 1310	3
PHY 3150, Electronics	4	Social Science, Humanities, or Fine Arts (G)	3
	15		15
JUNIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
PHY 4711, Experimental Lab	1	PHY 4712, Experimental Lab	1
PHY 4850, Quantum Mech. & Atomic Physics I	4	PHY 4010, Seminar	1
PHY 4000, Seminar	1	MAT 3502, Differential Equations II	3
PHY Elective (Recommend 3090, 4470, 4870)	3	PHY Elective (Recommend 2600, 3320, 4860)	3
	15		14
SENIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	PHY 3420, Electricity and Magnetism II	3
PHY 3410, Electricity & Magnetism I	3	PHY Elective (Recommend 3270, 3300, 3350, 4600)	3
PHY 4713, Experimental Lab	1	Scientific Awareness BIO Gen Ed	3
Senior Seminar	3	Electives	4
PHY Elective(Recommend 2600, 4600, 4010, 4750)	3		
Elective (Recommend MAT 2170 or 2550)	3		
	16		13

Physics Major Adviser's Data Sheet

Name of Student _____ High School _____
 Home Address _____ ACT (Composite Score) _____
 _____ Engineering field _____

Physics Major (B.S.)

Option 1: Beginning Fall Semester Even Years

FRESHMAN YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
ENG 1001G, Composition	3	ENG 1002G, Literature	3
MAT 1441G, Calculus 1	5	MAT 2442, Calculus 2	5
PHY 1351G, Mechanics	3	PHY 1361, Thermo/Electricity/Magnetism	3
PHY 1352G, Lab I	1	PHY1362, Lab II	1
CHM 1310G, Chemistry 1	3	CHM 1410, Chemistry 2	3
CHM1315G, Chemistry 1 Lab	1	CHM 1415, Chemistry 2 Lab	1
	16		16
SOPHOMORE YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
MAT 2443, Calculus 3	4	MAT 3501, Differential Equations I	3
PHY 1371, Waves/Sound/Optics/Modern	3	PHY 2400, Dynamics	3
PHY 1372, Lab III	1	PHY 3080, Modern Physics	3
PHY 2390, Statics	3	CMN 1310	3
PHY 3150, Electronics	4	Social Science, Humanities, or Fine Arts (G)	3
	15		15
JUNIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
PHY 3410, Electricity & Magnetism I	3	MAT 3502, Differential Equations II	3
PHY 4711, Experimental Lab	1	PHY 3420, Electricity and Magnetism II	3
PHY 4000, Seminar	1	PHY Elective (Recommend 3270, 3300, 3350, 3100, 4600)	3
PHY Elective(Recommend 2600, 4600, 4750)	4		1
Elective (Recommend MAT 2170 or 2550)	3	PHY 4712, Experimental Lab	1
	15	PHY 4010, Seminar	
			14
SENIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
PHY 4713, Experimental Lab	1	Social Science, Humanities or Fine Arts (G)	3
PHY 4850, Quantum Mech. & Atomic Physics I	4	PHY Elective (Recommend 2600, 3320, 4860)	4
PHY Elective (Recommend 2600, 4600, 3090, 4470, 4870)	4	Scientific Awareness BIO Gen Ed	3
Elective	3	PHY 4000, Seminar	1
	15		14